

Title (en)

METHOD FOR ADJUSTING A CLIMATE SYSTEM

Title (de)

VERFAHREN ZUR ANPASSUNG EINES KLIMASYSTEMS

Title (fr)

PROCÉDÉ DE RÉGLAGE D'UN SYSTÈME DE CLIMATISATION

Publication

EP 3404499 A1 20181121 (EN)

Application

EP 17172026 A 20170519

Priority

EP 17172026 A 20170519

Abstract (en)

A computer implemented method for post installation adjustment of a climate system including determining a desired change of at least one radiator flow, determining a change of at least one Cv-value required to achieve the desired flow change, using a software implemented model of the system to automatically calculate a set of radiator flow changes resulting from the change of at least one Cv-value, identifying a subset of radiator flow changes from the set of radiator flow changes which have a perceivable impact on system performance, and repeating the above steps until the subset is empty. The iteration allows an operator to determine a complete set of Cv adjustments that will provide the desired radiator flow change(s) while (as far as possible) leaving other radiator flows unchanged.

IPC 8 full level

G05B 17/02 (2006.01)

CPC (source: EP US)

F24D 19/1018 (2013.01 - EP US); **G05B 17/02** (2013.01 - EP US); **G05D 7/0641** (2013.01 - US); **G05D 23/1932** (2013.01 - US); **G05B 2219/2614** (2013.01 - EP US)

Citation (applicant)

EP 0125239 A1 19841121 - EB VAERMEINREGLERING HB [SE]

Citation (search report)

[A] US 2010049480 A1 20100225 - PEKAR JAROSLAV [CZ], et al

Cited by

GB2617755A; WO2022137196A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3404499 A1 20181121; **EP 3404499 B1 20210728**; CA 3004725 A1 20181119; DK 3404499 T3 20211025; US 10429864 B2 20191001; US 2018335791 A1 20181122

DOCDB simple family (application)

EP 17172026 A 20170519; CA 3004725 A 20180511; DK 17172026 T 20170519; US 201815974966 A 20180509